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**Fukuda**

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(54) **POWER TRANSMISSION GEAR UNIT AND  
VEHICLE INSTRUMENT**

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74/466

See application file for complete search history.

(71) Applicant: **YAZAKI CORPORATION**,  
Minato-ku, Tokyo (JP)

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(72) Inventor: **Taisei Fukuda**, Shizuoka (JP)

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(73) Assignee: **YAZAKI CORPORATION**, Tokyo  
(JP)

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patent is extended or adjusted under 35  
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*Primary Examiner* — Richard A Smith

(74) *Attorney, Agent, or Firm* — Mots Law, PLLC

(51) **Int. Cl.**

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(57) **ABSTRACT**

Hemispherical protrusions are protrudingly provided in end  
surfaces of a rotor gear and a tooth portion of a small gear  
having the smaller number of gear teeth between the rotor  
gear and a large gear of an intermediate gear, and between  
the small gear of the intermediate gear and an output gear,  
which are meshed with each other in a transmission gear  
train. Thus, in a case where the large gear rides on the rotor  
gear or the small gear rides on the output gear when the  
intermediate gear is accommodated in a housing after the  
rotor gear and the output gear are accommodated, it is  
possible to cancel the riding state thereof only by applying  
a slight vibration to the housing.

(52) **U.S. Cl.**

CPC ..... **F16H 57/02004** (2013.01); **G01P 1/04**  
(2013.01); **G01P 1/07** (2013.01); **F16H 1/06**  
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